

extended over a large part of the upper arm. After repeated curetting and cauterizing the place healed over finally after skin grafting by Thiersch's method — *Upsala Läkareförenings Föerhandlingar*, Bd. XXV. Hft. 1 and 2.

F. H. PRITCHARD (Boston).

VII. Pirogovian Therapeutics. By PROFESSOR NIKOLAI F. ZDEKAUER (St. Petersburg, Russia). Professor Zdekauer gives a highly interesting review of some remedies which have been systematically used by his intimate friend, the great Russian surgeon, Nikolai Ivanovitch Pirogoff.

1. *Camphor* was his favorite remedy for erysipelas. According to his enormous experience, it is indicated in, *a*, cases characterized by typhoid state with pallor and prostration; and *b*, in erethic state with facial congestion and tumor, dry tongue, quickened pulse, burning heat flashing over dry skin, heaviness about the head and mental confusion. The remedy was given internally, 2 grains every 2 hours, until the appearance of a mild peculiar "camphor delirium." In typhoid cases hot infusion ("tea") of valerian was simultaneously administered; in erysipelas of the head the first doses of camphor were combined each with $\frac{1}{2}$ grain of calomel.

2. *Sulphate of quinine* was employed (in moderate doses) in habitually recurring erysipelas, as well as in severe malarial fever (20 grains 2 times a day, always during the stage of sweats).

3. *Tincture of iodine*, in the shape of injections, was resorted to in all cases of dropsies of serous and synovial cavities. Internally, in conjunction with restricted diet, it was given pregnant women with narrow pelvis in order to retard the foetus growth and eo ipso to make parturition easier.

4. *Nitrate of silver* (ointment) proved very useful in cases of chronic induration of glands; and in the first stage of *tumor albus*.

5. *Ergotine* was successfully administered by him (since 1850), both internally and externally, in cases of parenchymatous hæmorrhage.

6. *Neutral acetate of lead* (finest powder, locally) gave best results in granular conjunctivitis.

7. *Nitrate of lead* (lotion) was found exceedingly useful in bad chronic ulcers.

8. *Radix sumbul* (containing a stimulant and antiseptic essential oil having a musk-like odor) was successfully employed both internally and externally (in the shape of injections) in exhausting caries and bad ulcers with hectic fever, the remedy removing prostration and colliquative diarrhoea, controlling suppuration, cleansing ulcers, etc.

9. *Opium* (2 grains, several times daily) was given internally in phlegmonous erysipelas in dipsomaniacs.

10. *Strychnine* ($\frac{1}{35}$ grain daily, internally) proved effective in intractable sciatica.

11. *Chlorate of potassium*, internally and externally (as a gargle, made of $\bar{5}j$ of the salt to $\bar{5}vj$ aq), was found of service in enteric fever, associated with an "aphthous condition of the oral and intestinal mucous membrane."

12. *Creasote* was with best results applied locally (paintings) in malignant or gangrenous anginas.

13. *Cold packs* and *ice-bags* were employed in refractory rheumatism and acute articular rheumatism.

14. *Mud-baths* (Hapsal) proved highly beneficial in scrofulous caries and other affections of bones and joints in scrofulous children.—*Transactions of the Pirogavian Russian Chirurgical Society*, 1890, Vol. VII. pp. 70-76.

VALERIUS IDELSON (Berne).